

Amendments to the Claims:

Please cancel claims 1-35.

Listing of Claims:

1-35. (Cancelled)

36. (Original) A method for storing data in a content addressable memory, comprising:

charging a first node of a first capacitor;

activating a switch to couple a first node of a second capacitor to ground;

maintaining a charge at the first node of the first capacitor.

37. (Original) The method of claim 36 wherein maintaining a charge at the first node comprises providing charge to the first node of the first capacitor through a resistive current path.

38. (Original) The method of claim 36, further comprising coupling a resistive current path from a power supply to ground.

39. (Original) A method of storing data in a content addressable memory, comprising:

charging a first capacitor;

shunting a second capacitor; and

maintaining the charge on the first capacitor through a resistive current path.

40. (Original) The method of claim 39 wherein shunting the second capacitor comprises activating a switch to equalize the charge across the second capacitor.

41. (Original) A method for storing data in a content addressable memory, comprising:

charging a first capacitor;

setting a bistable circuit to a first state;

discharging a second capacitor in response to setting the bistable circuit; and

maintaining the charge on the first capacitor.

42. (Original) The method of claim 41 wherein maintaining the charge on the first capacitor comprises providing charge to the first capacitor through a resistive current path.